

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kiyoshi Uchida
Serial No. : Unknown
Filed : Herewith
Title : METHOD OF PRODUCING ANTISENSE OLIGONUCLEOTIDE

Art Unit : Unknown
Examiner : Unknown

Commissioner for Patents
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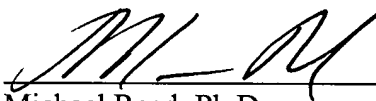
INFORMATION DISCLOSURE STATEMENT

Under 35 USC §120, this application relies on the earlier filing date of application serial number 08/859,415, filed on May 20, 1997. The references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 6/30/03



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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13797-002002	Application No. Unknown
	Applicant Kiyoshi Uchida		
	Filing Date Herewith	Group Art Unit Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE							
	AF							
	AG							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AH	Abraham et al., <u>Nucleic Acids Research</u> , 18/10:3035-3044 (1990)
	AI	Christoffersen et al., <u>Journal of Molecular Structure (Theochem)</u> , 311:273-284 (1994)
	AJ	Freier, <u>Proc. Natl. Academy of Sciences USA</u> , 83:9373-9377 (1989)
	AK	Gautheret et al., <u>Methods in Enzymology</u> , 183:318-330 (1990)
	AL	Hyndman et al., "Software to Determine Optimal Oligonucleotide Sequences Based on Hybridization Simulation Data", <u>Biotechniques</u> , 1996, 20, pp. 1090-4
	AM	Jaeger et al., <u>Annual Review of Biochemistry</u> , 62:255-287 (1993)
	AN	Jaeger et al., "Predicting Optimal and Suboptimal Secondary Structure for RNA", <u>Methods in Enzymology</u> , 1990, Vol. 183, pp. 281-306
	AO	Jaeger et al., "Improved Predictions of Secondary Structures for RNA", <u>Proc. Natl. Acad. Sci.</u> , 1989, Vol. 86, pp. 7706-7710
	AP	Konings et al., <u>Journal of Molecular Biology</u> , 207:597-614 (1989)
	AQ	Martinez, <u>Methods in Enzymology</u> , 183:306-317 (1990)
	AR	Mitsuhashi et al., "Computer-Based Method for Determining Optimal Nucleotide Sequences in Antisense Applications," <u>Antisense</u> , 1995, Vol. 5, p.76
	AS	Mitsuhashi et al., " <u>Nature</u> , 367:759-761 (1994)
	AT	Nakano et al., "Thermodynamic Parameters to Predict the Stability of RNA/DNA Hybrids in Antisense Interaction", <u>Antisense</u> , 1995, Vol. 5, p. 78

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AU	Pleij et al., <u>Methods in Enzymology</u> , 180:289-303 (1989)
	AV	Sczakiel et al., <u>Antisense Research and Development</u> , 3:45-52 (1993)
	AW	Stull et al., "Predicting Antisense Oligonucleotide Inhibitory Efficacy: A Computational Approach Using Histograms and Thermodynamic Indices", <u>Nucleic Acids Res.</u> , 1992 20, 3501-3508
	AX	Tinoco et al., "Improved Estimation of Secondary Structure in Ribonucleic Acids," <u>Nature</u> , 1973, Vol. 246, pp. 40-41
	AY	Turner et al., <u>Annual Review of Biophysics and Biophysical Chemistry</u> , 17:167-192 (1988)
	AZ	Williams et al., <u>Nucleic Acids Research</u> , 14:299-315 (1986)
	AAA	Zuker, <u>Methods in Enzymology</u> , 180:262-288 (1989)
	ABB	Zuker, <u>Science</u> , 244:48-52 (1989)

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